

**AWARD WINNING!**

**THE WORLD'S BEST NEWS & FACTS FOR YOUNG PEOPLE**

SCIENCE + ANIMALS + PUZZLES + PEOPLE + APPS + PHOTOS + BOOKS + SPORTS + PUMPKIN SPICE

**BIG NEWS**  
Farewell to the UK's queen  
p2-3



**SPORTS**  
Exciting victories in tennis  
p18



**SCIENCE**  
Why T. rex had such small eyes  
p13





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**THE WEEK**

**Junior**

Making sense of the world

THE BEST MAGAZINE FOR CURIOUS KIDS

**WINNERS!**

Announcing the top prizes in our second annual Nature Photo Contest **p14**

**GRAND PRIZE**  
Ages 8-10  
EMI

**In Emi's words:**  
"Morning dew on a leaf in Costa Rica shows the simple beauty of nature."





## ROYAL NAMESAKE

There was one other queen named Elizabeth in UK history. Queen Elizabeth I ruled from 1558–1603.

Queen Elizabeth II

## Prince William's children



King Charles III's eldest son, Prince William, age 40, is next in line to the throne, meaning he will become king when his father dies or steps down. William has three children, pictured above: Prince George, age 9, Princess Charlotte, age 7, and Prince Louis, age 4. They are second, third, and fourth in line to the throne.

# Queen Elizabeth II dies at age 96

On September 8, Queen Elizabeth II, who served as monarch of the UK for 70 years, died at Balmoral Castle, her home in Scotland. She reigned longer than any monarch in UK history and any female monarch in world history.

## What was the queen's role?

The UK consists of Great Britain (England, Scotland, and Wales) and Northern Ireland. It is a constitutional monarchy (government with a monarch who shares power with elected officials). The queen was head of the monarchy and also head of the Commonwealth of Nations, a group of 56 countries that includes many former British territories, such as Canada, Australia, and South Africa. Though she had no official political power, Elizabeth advised 15 prime ministers (similar to Presidents) during her reign, served as a diplomat to other nations, supported hundreds of charities, and played a symbolic role as head of the royal family, which dates back more than a thousand years.

## What happened?

On September 8, the queen's staff said that doctors were concerned for her health, and members of the royal family rushed to her side at

Balmoral Castle. That evening, it was announced that Elizabeth, age 96, had died peacefully. Her oldest son, Charles, age 73, immediately became the new monarch, King Charles III.

## Who was Queen Elizabeth II?

Elizabeth became queen in 1952, at age 25, when her father, King George VI, died unexpectedly. From the outset, she dedicated herself to a life of service. "I shall always work as my father did throughout his reign, to advance the happiness and prosperity of my peoples...all the world over," she said after taking the throne. Elizabeth and her husband, Prince Philip, were married for 73 years before his death in 2021, and they had four children, eight grandchildren, and 12 great-grandchildren.



King Charles III

## How did people react?

The queen's death set off a mourning period in the UK and an outpouring of sympathy around the world. Tearful crowds gathered outside her homes and left thousands of bouquets of flowers. "I think we all felt we knew her," UK resident Callum Taylor told *The New York Times*. UK Prime Minister Liz Truss, who took office on September 6, called the queen "the rock on which modern Britain was built." Cyril

Ramaphosa, president of South Africa, said the queen had "lived a remarkable life." Some people criticized the monarchy's history of colonization (taking control of another country) and unfair treatment of people in those nations.

## How will she be remembered?

Queen Elizabeth II guided the UK through decades of change and upheaval, from the years after World War II into the modern age. She maintained strong relationships with world leaders, while privately she was a beloved mother and grandmother known for her sense of humor. Calling her a "guiding compass," her grandson Prince Harry wrote in a tribute to her, "Thank you for your commitment to service. Thank you for your sound advice. Thank you for your infectious smile."

## What will happen next?

Queen Elizabeth II will be honored in a series of formal events over many days. Her body will lie in state (be publicly displayed) in Scotland and England, with as many as one million people expected to line up to pay their respects. A state funeral will be held on September 19. She will be buried at St. George's Chapel, at Windsor Castle, alongside Prince Philip. King Charles III will be officially crowned during a ceremony called a coronation, expected to take place in 2023.



## Recalling a first radio address

Princess Elizabeth was not yet queen when she gave her first-ever radio broadcast on October 13, 1940. The 14-year-old was asked by UK Prime Minister Winston Churchill to join the BBC's Children's Hour program to lift spirits during World War II (1939–1945).

Germany had bombed England as Nazi leader Adolf Hitler tried to take control of Europe. In a speech about three minutes long, Elizabeth addressed the thousands of children who had been sent out of the UK for safety, living as far away as Australia and Canada. She and her sister, Margaret, were also sent to a safer location during the war.

"To you, living in new surroundings, we send a message of true sympathy," Elizabeth said. "When peace comes, remember, it will be for us, the children of today, to make the world of tomorrow a better and happier place." She was joined at the end of her talk by Margaret, age 10.

Many people consider the speech to be the queen's introduction to the world. It's available to listen to at [tinyurl.com/TWJUS-Elizabeth](https://tinyurl.com/TWJUS-Elizabeth).



Princess Elizabeth (right) and her sister during the speech



## Queen's ties to US remembered

Since Queen Elizabeth II's death, her close ties to the US have been discussed and remembered. During her lifetime, she met 13 US Presidents, hosting them at her royal homes and visiting the White House several times. Those relationships helped keep the nations close.

President Harry Truman hosted Elizabeth in Washington, DC, in 1951, when she was a princess. In 1959, as queen, she baked scones for Dwight Eisenhower at her castle in Scotland, and in 1961, she invited John F. Kennedy to Buckingham Palace. Only one President who served during her reign, Lyndon Johnson, did not meet her in person.

In 1976, Queen Elizabeth II danced with Gerald R. Ford at the US bicentennial (200th anniversary) celebration at the White House. In 1982, she bonded with Ronald Reagan over a shared love of

horseback riding. She and her dogs had tea with George W. Bush at Buckingham Palace in 2003, and in 2016, she greeted Barack Obama so warmly that he said she reminded him of his grandmother.

After her death, every living US President paid tribute to Queen Elizabeth II. The Obamas praised her "extraordinary generosity" and "considerable humor and charm." George W. Bush and his wife, Laura, said, "Our world benefited from her steady resolve." "Her dignity, graciousness, and sense of duty have been an inspiration," said Jimmy Carter and his wife, Rosalynn.

President Joe Biden was the last to meet with the queen, in June 2021, at Windsor Castle. Biden and his wife, Jill, said, "Her Majesty Queen Elizabeth II was more than a monarch. She defined an era."



## IT'S AN AMAZING WEEK FOR...

### A FAVORITE BREED

Queen Elizabeth II's love of corgis has been highlighted in recent days. She got her first corgi companion, Susan, at age 18. Over her lifetime, she raised dozens of Susan's puppies and other dogs. Each had its own Christmas stocking.



Two of the queen's corgis



A rainbow at Buckingham Palace

### PERFECT TIMING

After the queen's death on September 8, a rainbow appeared over Windsor Castle, one of her homes, where people had gathered to honor her. About 20 miles away, in London, a double rainbow stretched over her official residence, Buckingham Palace, as a crowd sang "God Save the Queen."

### A SPECIAL FRIENDSHIP

"Thank you Ma'am, for everything," Paddington Bear, the cherished children's character, said on social media after the queen's death. During a celebration of her 70-year reign in June, the two starred in a humorous video in which they have tea and reveal hidden marmalade sandwiches. See it at [tinyurl.com/TWJUS-Paddington](https://tinyurl.com/TWJUS-Paddington).



A scene from the video



## DID YOU KNOW?

The state of Mississippi gets its name from a Native American word that means "great waters" or "father of waters."



A member of Mississippi's National Guard carries water.

## Mississippi fact file



- **NICKNAME** The Magnolia State
- **LOCATION** Southeastern US, bordered by Alabama, Arkansas, Louisiana, and Tennessee
- **POPULATION** 2.96 million
- **STATE BIRDS** Northern mockingbird and wood duck
- **FLOWER** Southern magnolia
- **LAND** Low-lying hills, prairies, and pine woods

# Mississippi city faces water crisis

Jackson, the capital of the state of Mississippi, is dealing with a water crisis that has affected more than 150,000 people. The city's neglected water system became overwhelmed, leaving residents without access to safe water.

## What happened?

On August 29, heavy rains flooded the city's water treatment plant. This caused little or no water to be available to homes, businesses, hospitals, and schools. There was not enough water flow to flush toilets. As a result, schools had to switch to online learning for a week and hospitals were forced to bring in portable restrooms. Any tap water people wanted to drink had to be boiled first. On August 30, President Joe Biden approved an emergency

declaration for the city, which allowed federal resources to be sent there. Mississippi's governor (top leader) also declared a state of emergency to provide money to Jackson. By September 10, the flow of water had returned to the city, but it was still not safe to drink.

## Why did this happen?

Jackson's water system has been neglected and in need of repair for more than 20 years. During that time, people have often had to go without safe water in their homes and businesses. Residents have demanded that city and state officials upgrade the system, but officials have not been able to agree on a plan or how to cover the costs of the necessary improvements.

## How have people reacted?

Troops from Mississippi's National Guard loaded more than 100 large trucks with bottled water to hand out. Volunteers from aid organizations also distributed water. Jackson's mayor said the city welcomed the outside help but that more would be needed to solve the crisis.

## What will happen next?

Until further notice, residents must boil tap water before drinking it. Officials are considering various ways to overhaul the water system, and the state government could award the city funding for improvements. Meanwhile, the Environmental Protection Agency (US agency that protects the environment) said it would investigate the crisis.



## WORD OF THE WEEK

### MONARCH

The word "monarch" came into English from Latin. Its roots are from Greek and the word *monarkhēs*, which is made up of *monos* ("alone") and *arkhein* ("to rule"), meaning "one who rules alone." A monarch presides

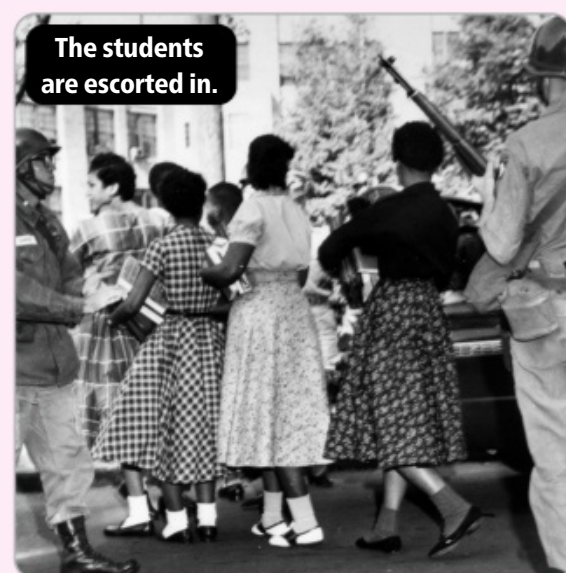


## THE WEEK IN HISTORY

### September 24, 1957

**Army sent to protect Black students**  
On September 24, 1957, President Dwight Eisenhower sent the US Army to Little Rock, Arkansas, to enforce a Supreme Court ruling ending segregation (unjust separation) of Black students from white students in public schools. Nine Black students had tried to attend Central High School but were met by angry, racist threats. The Army protected the students as they walked into the school.

The students are escorted in.





The Obama portraits

## White House portraits unveiled

The official portraits of former President Barack Obama and former First Lady Michelle Obama were unveiled at the White House on September 7. The Obamas served from 2009 to 2017 and returned to the White House for the ceremony. President Obama's portrait was painted by Robert McCurdy, and Michelle Obama's was painted by Sharon Sprung. They will hang in the White House along with portraits of other previous Presidents and First Ladies.



## US dictionary adds new words

Merriam-Webster announced that it has added 370 new words and phrases to its dictionary. The aim is to capture language as it is used, the dictionary's editor said. Words are added when there is clear and sustained use. The new words include: "ICYMI," an abbreviation for "in case you missed it"; "plushie," a toy covered in plush fabric; and "pumpkin spice," a mixture of spices in pumpkin pie.



Eebbers

## Airport security dog to retire

Eebbers, an 11-year-old Vizsla-Labrador mix, is retiring after nearly 10 years of work with the Transportation Safety Administration (TSA). The oldest working bomb-sniffing dog, Eebbers also worked at major events like the Super Bowl. A Minnesota airport honored Eebbers and his handler at a ceremony where he was given stuffed toys. "I was just ready for him to be a dog," his handler said.



Unity is the theme of this year's National Hispanic Heritage Month.

# US set to celebrate Hispanic heritage

National Hispanic Heritage Month will begin on September 15 and run through October 15. It marks the achievements and contributions of Hispanic Americans. This year's theme is "Unidos: Inclusivity for a Stronger Nation." *Unidos* is the Spanish word for "united."

Hispanic heritage refers to the history and culture of people from the Caribbean, Central America, Mexico, Puerto Rico, Spain, and South America. Nearly 19% of the US population, about 62.1 million people, identify as Hispanic.

Official national recognition of Hispanic heritage began as a one-week celebration in 1968. In 1988, the US Congress (branch of government that makes laws) expanded the celebration to a month.

The month begins on September 15 to mark the day in 1821 when five Central American countries gained their independence after being ruled by Spain. It ends soon after Dia de La Raza, a holiday on October 12 that celebrates the various cultures that make up the Hispanic population.

The 2022 theme celebrates the hope that when all voices are heard, the US will be stronger. It was selected by the National Council of Hispanic Employment Program Managers, a group that ensures Hispanic participation in government. Ily Soares, an accountant for the federal government, submitted the winning theme.

Hispanics in the United States bring a rich combination of language, culture, and experience to the "great American experiment," Soares said when her theme was revealed as the winner.

Many events will mark the month. In New York City, a statue of

Sonia Sotomayor, the first Hispanic person to become a Supreme Court justice, was unveiled in the Bronx neighborhood where she grew up. The Mexican Independence Day Parade in Los Angeles, California, will take place on September 18. Thousands of people are expected to participate and attend. The Houston Latin American Philharmonic will present its annual "Viva Latin America" concert on October 15 in Houston, Texas.

**HISTORIC WIN**  
In 1989, Cuban immigrant Ileana Ros-Lehtinen became the first Hispanic woman elected to the US Congress, representing Florida.

## THE WEEK'S SILLIEST HEADLINE

**"A tomato spill makes a major California highway a marinara mess" *NPR***





# Around the world

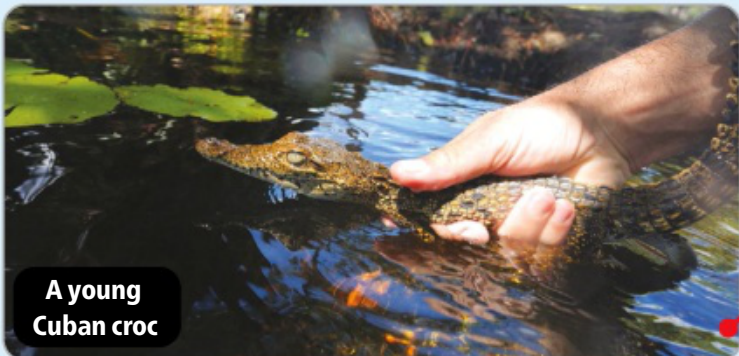


Pools are shut down.



## France Swimming pools close

More than 30 swimming pools across France have been closed due to rising energy costs. The company that manages the pools said the higher costs of operating them are the reason and that its annual energy bill increased from about \$15 million to \$100 million. The French Swimming Federation criticized the pool closures, noting that they “directly impact children and adults who won’t be able to learn to swim.”



A young Cuban croc



## Zapata Swamp, Cuba Protecting rare Cuban crocodiles

Conservationists (people who work to protect animals and nature) are trying to protect critically endangered Cuban crocodiles, which are threatened by illegal hunting and habitat loss. The Cuban government has set up a program that releases hundreds of crocodiles into the wild each year. Scientist Etiam Perez said, “We are trying to bring them back from the edge of extinction.”



A manatee



## Venezuela Runaway manatee found

A manatee named Tico was found after a two-month search. Tico had spent seven years in captivity being rehabilitated and was released in July into shallow waters in Brazil. He was expected to stay there but swam into the ocean. A tracking device showed him on Venezuela’s coast, where he was picked up. Tico swam more than 2,500 miles, which one scientist called “amazing.”



## Haarlem, the Netherlands

### City may ban meat advertisements

Haarlem may be the first city in the world to ban most advertisements for meat. If the ban goes into effect, it will begin in 2024. Those in favor say the ban will cut down on harmful greenhouse gases released during meat production. Some said the ban would hurt farmers and businesses.



Haarlem



## Kenya Tourism boost

Kenya has earned more than \$1 billion from tourism so far this year, more than double the amount earned last year. Nearly one million people visited between January and August. Kenya is known for wildlife reserves such as the Masai Mara, which is home to lions, giraffes, and zebras. Tourism is an important industry that provides money and jobs and gives visitors a greater understanding of the nation’s wildlife.

Zebras in a wildlife reserve



GETTY IMAGES (7); REUTERS; SHUTTERSTOCK; CPWD



Ukrainians in Kharkiv

## **Ukraine** **Ukraine reclaims land**

Ukraine has recaptured the city of Izium and most of Kharkiv, which it had lost to Russia during the war that started in February. According to media reports, the Ukrainian military has regained 1,158 square miles (almost as big as Yosemite National Park) since the beginning of September. Residents in the area rejoiced as Russian troops departed.



Schoolgirls in Afghanistan



## **Gardez, Afghanistan** **Girls protest school closures**

Female students held a protest in Afghanistan's Paktia province after the Taliban government closed their schools days after classes began. The government had promised to allow girls to continue to pursue their education when it took power more than a year ago, but 3 million girls remain out of school. The girls dressed in their school uniforms and marched through the city of Gardez to protest.



A mooncake



## **China** **Mooncake prices restricted**

The Chinese government has introduced limits on the prices of mooncakes, small baked desserts that are traditionally given to friends and family during the country's Mid-Autumn Festival, also called the Moon Festival, which took place on September 10. Some sellers have overcharged for mooncakes or put them in "excessive packaging." The move is part of the government's attempt to reduce "money worship."



The team celebrates.



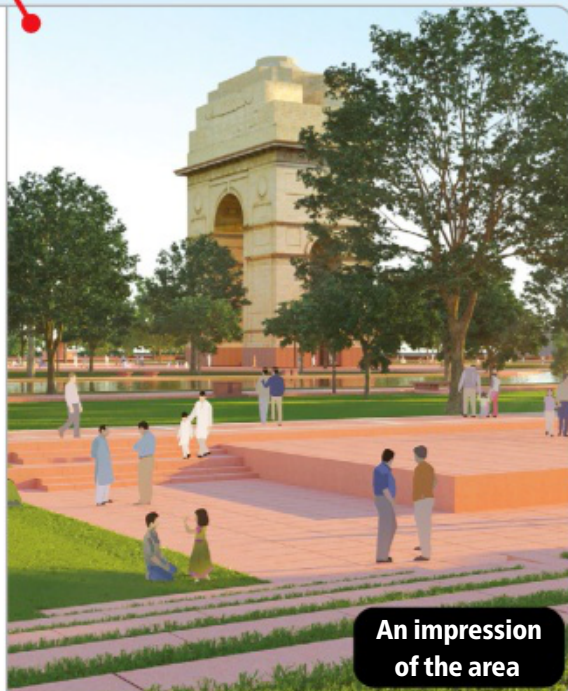
## **Sri Lanka** **Sports win celebrated**

Sri Lankans celebrated their team's victory in the Asia Cup, a major cricket tournament, after beating Pakistan in Dubai. Team captain Dasun Shanaka dedicated the win to his country, which is facing food shortages and power blackouts. In congratulating the team, Sri Lanka's president, Ranil Wickremesinghe, tweeted, "We can overcome challenges as a nation."



## **New Delhi, India** **Area revamped**

A ceremony was held on September 8 to reopen a historic road in New Delhi, India's capital, following renovations. The avenue connects important landmarks, including a war memorial and the president's residence. The road, which was named Rajpath (King's Avenue), is now called Kartavya Path (Path of Duty). A new 28-foot statue of Subhas Chandra Bose, who fought for India's independence from British rule in the 1940s, was also unveiled.



An impression of the area



## The big debate

# Should people stop binge-watching?

Some people watch shows an episode at a time, while others dive in for hours on end.

### What you need to know

- Binge-watching refers to watching multiple episodes of a TV series in a row without stopping.
- In the past, shows aired one episode per week. Nowadays, streaming services often let viewers choose when—and how much—to watch.
- To keep people watching, streaming services automatically play the next episode after the previous one ends.
- According to one survey, 73% of Americans said they have binge-watched a show.



**SHOW TIME**

Teens and young adults watch an average of six episodes in one sitting, according to a recent survey.

You sit down to watch a streaming TV show that really grabs your attention. Just one more episode, you think... and before you know it, hours have gone by and your eyes are still glued to the screen. This is a phenomenon known as binge-watching. Streaming services such as Netflix, Hulu, and Disney+ make it possible to watch several episodes back-to-back, whether it's an old show with many seasons or a new show that releases all of its episodes at once. Some people believe that bingeing leads to episode overload. Others think it's perfectly fine to watch a show for hours at a time. What do you think? Should people stop binge-watching?

### Yes—binge-watching is not healthy

Once people start binge-watching, they can have trouble stopping. Getting drawn into a show this way can cause people to neglect homework or chores and spend less time with friends and family. Studies have found that binge-watching can also lead to health problems, including poorer sleep quality as the brain struggles to shut itself down after a binge. Besides, it's more satisfying to watch one episode at a time. That way, people have the chance to think about what happened and anticipate what could happen next. When you binge a show, it's over and you're left wanting more.

### No—it's a great way to engage

Binge-watching lets people escape into entertainment, which helps them relax and reduces stress after a long day of work or school. When a show is really popular, it can seem like everyone is bingeing and talking about it. It's fun to be a part of that conversation and shared experience (and prevents you from hearing spoilers!). Watching many episodes in a row also lets viewers feel immersed in the story. They can become familiar with the characters and easily keep track of the plot and other details. That makes the show feel more real and creates a powerful emotional experience.

**YES**

### Three reasons why people should stop binge-watching

- 1 Once people start binge-watching, it's hard to stop, and responsibilities and relationships can be neglected.
- 2 Bingeing can have a negative effect on people's sleep and health.
- 3 Breaks between episodes allow people to appreciate a show more and help build a sense of anticipation.

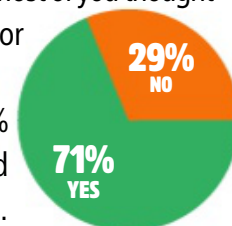
**NO**

### Three reasons why people should not stop binge-watching

- 1 Sitting down and watching several episodes in a row is a great way to relax and reduce stress.
- 2 Binge-watching a popular show is fun and makes people feel a part of the conversation about it.
- 3 When people binge-watch, they form a more powerful connection to the show.

### OUR LAST POLL

In our last issue, we asked if school dress codes should be eliminated. Most of you thought it was time for the rules to change: 71% said yes, and 29% said no.



### What do you think?

Now that you've read a bit more about this issue, have a parent or guardian visit [theweekjunior.com/polls](https://theweekjunior.com/polls) with you so you can vote in our debate. Vote **YES** if you think people should stop binge-watching or **NO** if you don't. We'll publish the results next week.

The goal of the big debate is to present two sides of an issue fairly in order to stimulate discussion and allow our readers to make up their minds. The views on this page do not reflect those of *The Week Junior*, and the page is not funded by third parties.

GETTY IMAGES



# Taking a giant leap

**Solange Knowles is breaking barriers as a woman of color in music.**

Many people know Solange Knowles as the younger sister of music icon Beyoncé. But the 36-year-old is an icon all on her own as an award-winning singer-songwriter and now a ballet composer.

For the New York City Ballet's Fall Fashion Gala, she composed an original score (instrumental music written for an artistic performance). The event, which debuts on September 28 at Lincoln Center in New York City, brings renowned choreographers and fashion designers together to produce an elaborate ballet performance. Knowles is the first Black American woman to compose an original score for the New York City Ballet. She follows Lido Pimienta, a Canadian of Colombian descent, who, in 2021, became the first woman of color to compose a score for the same ballet.



**Solange and Beyoncé Knowles**

Knowles grew up in Houston, Texas, loving dance and dreaming of a big career in the performing arts. At age 14, she toured as a dancer with Beyoncé's girls' group, Destiny's Child, when they rose to fame in the 1990s. But after an injury took her offstage, she found her voice in music through writing.

Her career includes four studio albums, a Grammy (top music award), and a Woman of the Year honor from *Glamour* magazine in 2017. Plus, her art book, *In Past Pupils and Smiles*, about her work at the prestigious Venice Art Biennale in 2019, was published in August.

Upon hearing the news of the ballet gala, Knowles's mother shared on social media, "I am beyond proud of Solange! She is always kicking down doors and opening doors for other artists of color."



**Solange Knowles**

**DID YOU KNOW?**

In 2013, at age 26, Solange Knowles launched her own record label, Saint Records.

## Acting in action films

Quaden Bayles, an 11-year-old boy from Australia born with a type of dwarfism (a medical or genetic condition that causes a person to be short in stature), gained fame in 2020 when a video of him describing being bullied went viral online. Now he has landed roles in two new action films by George Miller, the award-winning director of films such as *Happy Feet* (2006). According to Miller, Bayles is very talented and film savvy. "I love acting, I want to do heaps," Bayles told reporters.



**Quaden Bayles**



**Gerry Kulzer**

## Fair butter sculptor

Minnesota high school arts teacher Gerry Kulzer is now the official butter sculptor of the Minnesota State Fair, a job that celebrates the region's strong dairy industry. He took over for Linda Christensen, who held the position for 50 years and trained Kulzer for about three years. Kulzer told Minnesota Public Radio, "This is the best job in the world." At the fair this month, Kulzer sculpted nine 90-pound blocks of butter to look like each dairy princess finalist. To complete his creations, he worked inside a refrigerator at 40° F wearing three layers of clothes.

## OVERHEARD



**"Make the world a better place for those who are coming behind us."**

Former US Olympic alpine ski racer Lindsey Vonn, age 37, on what is important to being an athlete. Vonn holds the record as the female skier with the most World Cup victories: 82.



# Animals and the environment



**DID YOU KNOW?**  
The first living things that existed on Earth were single cells. All life evolved from these.

A greater horseshoe bat

## Hidden animals

Experts say that eulipotyphla—a group of pointy-nosed mammals that includes hedgehogs, moles, and shrews—has many “hidden” species within it. For example, scientists thought for many years that the North American water shrew was one species, and they now say there are four—and possibly more.



A water shrew

## New mammal species discovered

A recent study has revealed that there could be many more types of mammals on Earth than we had thought. In addition, many unidentified species could be right in front of us—we just don’t know it.

Currently, more than 2 million species have been identified. Scientists believe, however, that between 90% and 99% of all species haven’t been identified yet. In the past, scientists would decide which category an animal belonged to by studying its physical features. This method is not always reliable, though, because it depends on the scientist’s own ideas and point of view.



An orangutan in Southeast Asia

Research published in *New Scientist* shows that groups of animals can be divided into more species than was previously believed.

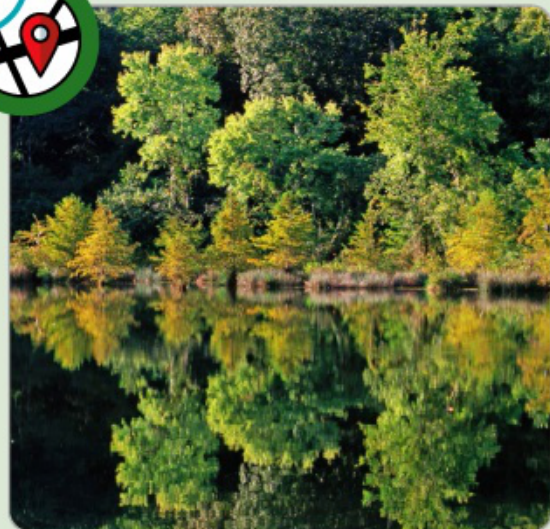
Professor Bryan Carstens of Ohio State University looked at 4,310 types of mammals to see if he could find hidden species among them. His team used a system to identify the animals’ genes (instructions for how living things develop and grow), then did further research based on those results.

What they found: a possible 2,000 new species. There were particularly high numbers of new species among horseshoe bats, rodents (a group that includes beavers

and kangaroo rats), and eulipotyphlans (see “Hidden animals” in the box above).

About 20% of mammal species have not yet been identified, Carstens said. His team used artificial intelligence (computers that can “learn” how to do things that usually require human intelligence) to look at 33 million facts about the mammals they had studied. Identifying animals and knowing where they live can help experts protect them, especially in areas like Southeast Asia, which is a hot spot for finding new species.

Carstens believes it’s not just mammals that are hiding new species. Tiny creatures could be doing the same thing. “There are mites that live on mites,” he said, “and probably mites that live on the mites that live on mites.”



## PLACE OF THE WEEK

Beavers Bend State Park, Oklahoma

Spread across 3,482 acres with 180 miles of shoreline, and lined with hardwood and pine trees, this state park is located in southeast Oklahoma. It is nestled in the hills surrounding Mountain Fork River and Broken Bow Lake. The 22-mile, 14,220-acre lake, in the foothills of the Ouachita Mountains, is popular for its smallmouth bass, channel catfish, and sunfish, and also attracts scuba divers. The Beavers Bend State Park Nature Center offers free programs, such as hikes to enjoy the wilderness and spot local wildlife, like red-headed woodpeckers.



A red-headed woodpecker



A loggerhead sea turtle hatchling

**WOW!**  
One species of sea turtle, the leatherback, can weigh up to 2,000 pounds.

## More sea turtles in Florida born female

Nearly all sea turtles born in Florida in recent years have been female, scientists have reported. This is happening because of warming temperatures. Sea turtles lay eggs in sand, and the sex of hatchlings is determined by the sand's temperature. If eggs develop in sand above 88.8° F, hatchlings are female. The past four summers in Florida were the state's hottest on record.

"Scientists who are studying sea turtle hatchlings and eggs have found no male sea turtles, only female sea turtles, for the past four years," Bette Zirkelbach,

manager of the Turtle Hospital in the Florida Keys, told Reuters. This trend has been observed in Australia as well.

Melissa Rodriguez, a turtle keeper with the Miami Zoo, told Reuters that the turtles' population in Florida is expected to drop off in the future because there are no longer enough males to breed with the females. However, researchers also say that the number of males needed to keep the population of sea turtles alive is small, and some studies suggest that even hot nests can produce males if the eggs are kept wet.

## Animal of the Week

### Nudibranch



This colorful nudibranch (sea slug) was found recently by a diver in the Isles of Scilly, England. There are more than 2,000 types of nudibranch, but the species that was found (*Babakina anadoni*) is very rare.

- **LIFE SPAN:** Up to one year
- **HABITAT:** Shallow, tropical waters
- **SIZE:** From ¼ inch to 12 inches long
- **DIET:** Algae, barnacles, and other nudibranchs
- **FUN FACT:** Adult nudibranchs don't have a shell and are often poisonous to predators.



## Good week / Bad week



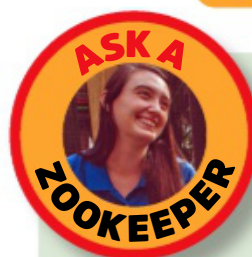
### Fin whales

About 150 fin whales were filmed off the coast of Elephant Island, near Antarctica. This is the largest recorded gathering of the animals and a positive sign for the recovery of the species from near-extinction after years of protection efforts.



### Cicadas

Temperatures this summer were too high for cicadas to make their chirping songs in Provence, in the south of France, where the insects are a beloved part of the culture. If summers remain this hot, the cicadas may leave the region entirely.



## "Why do flamingos stand on one foot?"

Jubilee, 9, Wisconsin

### Megan Fox

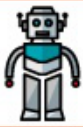
Bird keeper,  
Nashville Zoo

Flamingos spend their entire adult lives standing, so standing on one foot gives each leg a rest! Flamingos can lock their joints, making it easy to stand on one leg for long periods. Scientists also believe keeping one foot tucked in their warm feathers helps them conserve body heat.



A flamingo

Do you have a question for a zookeeper? Send it to [hello@theweekjunior.com](mailto:hello@theweekjunior.com). Find out more about the Nashville Zoo at [nashvillezoo.org](http://nashvillezoo.org).



## DID YOU KNOW?

Ocean currents carry trash in the water to five major locations. The Great Pacific Garbage Patch is the biggest.

The ocean robot at work

# Robot helps with ocean cleanup

Scientists in Norway have created an underwater robot that can identify different kinds of pollution at the bottom of the sea. The robot will help cleanup teams locate trash and place a priority on removing the items that can cause the most harm to the environment.

The robot, which weighs nearly 100 pounds and uses special cameras to capture 3D images, was created by a team at Skarv Technologies. Another Norwegian company, Ecotone, developed a spectrometer—a device that can determine what material an object is made of, even in murky water.

The researchers put their work to the test at a bay in the city of Bergen, on Norway's southwest coast. First, the robot swam up and down in rows about six feet above the seabed, collecting data. Then a computer turned the data into a map, which showed different trash materials in different colors.

A total of 3,894 objects were identified in the bay and sorted into categories, including old ship anchors, bottles, metal, plastic,

and tires. "There's a huge amount of trash," Trygve Olav Fossum, a member of the Skarv Technologies team, told *New Scientist*. "We estimated that there's somewhere around 165 to 300 tons of trash in the bay."

It is not always possible for cleanup teams to remove all the trash they find underwater, and some things are more important to clear than others. The maps will be used to help the teams of divers locate the most harmful materials, such as poisonous heavy metals or plastic, and focus their time, efforts, and funding on removing them first.

"Glass isn't really polluting," said Fossum. "So if you know there's an area with a lot of glass, you probably can exclude that from the cleanup effort and focus on things that are putting heavy metals into the environment."

In addition to helping experts tackle pollution, the robot can also identify the location of creatures like starfish on the seabed. The research team plans to return in November to map another bay in Bergen.



Plastic on the ocean floor

## A real-life Transformer



Jonathan Tippett and Prosthesis

Artist and engineer Jonathan Tippett, from Canada, has built a giant robot he named "Prosthesis." The mechanical suit is about 10 feet tall, weighs nearly 9,000 pounds, and has more power than an average car. Tippett spent seven years building it after being inspired by the Transformers films. He described his invention as "a cross between an excavator, a dune buggy, and a dinosaur."

Prosthesis holds the record for the world's largest exoskeleton (a skeleton that's on the outside) on four legs. Using the Prosthesis suit increases a person's strength by about 50 times. Tippett hopes the suit could someday help with things like farming, mining, and search and rescue.



## T. rex traded small eyes for a big bite

**T**yrannosaurus rex was one of the world's fiercest predators, with a jaw that could crunch through bones. But a new study suggests that in order to have such a powerful bite, it had to have smaller eyes and weaker vision.

Researchers analyzed skull fossils from the Mesozoic period (252 to 66 million years ago). They came from dinosaurs such as T. rex and Triceratops, pterosaurs (flying reptiles that lived alongside dinosaurs), and crocodile ancestors. The team found that while herbivores (plant eaters) and young carnivores (meat eaters) had circular eye sockets, many adult carnivores had oval- or keyhole-shaped eye sockets. Over time, carnivores developed smaller, narrower eyes.



An illustration of a T. rex skull

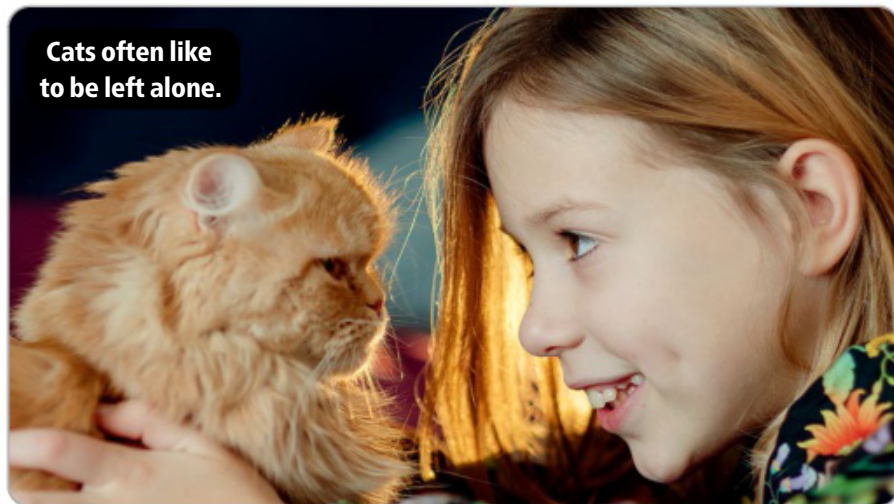
Circular eye sockets would have allowed T. rex and other carnivores to have larger eyes—up to seven times bigger—which could have improved their vision. However, larger eyes would have also required more energy from the creatures' brains.

But there was probably another reason the animals' eyes evolved (changed very slowly over time) this way. As the dinosaurs grew larger, and as young dinos grew into adults, they needed more forceful bites in order to eat larger prey. Using computer models, the team found that oval- and keyhole-shaped sockets led to a better bite. The eyes provided more space for jaw muscles and stabilized the skull when the T. rex chomped down on its prey.



An artist's rendering of a T. rex and its powerful jaw

**WOW!**  
If Tyrannosaurus rex were alive today, it could easily crush a car in its jaws.



Cats often like to be left alone.

## Cats prefer non-cat people

**C**ats are known for being independent, and according to a new study, they also prefer people who are not cat lovers. Experts in animal behavior in England found that cat lovers are more likely to annoy cats than people who don't particularly like them.

The study included 120 people. Each person was left in a room for five minutes with a cat and was allowed to pet it as much or as little as they pleased. The people who

lived with cats or said they were experienced in cat handling were more likely to pet a cat too much or pick it up against its will.

The team tracked the cats' happiness and found that they were more content with people who pet them less, possibly because the cats were more in control of the interaction. Some experts said this means that animal shelters should not rule out people who have never had a cat but want to adopt one.



## A foot pedal for computer gaming



The Liberator

**G**aming company MSI has developed a sturdy foot pedal that can be used to play PC games, freeing up the user's hands. The Liberator has a super-fast response time and comes with three buttons, one under the player's foot and one on both sides.

Users can designate a function for each button, such as accelerating in a driving game. The buttons come in a range of sizes, so players can find the right fit for their feet. The Liberator has other uses, too, such as hands-free audio recording and video editing.



# Our contest winners!

For *The Week Junior's* second annual Nature Photo Contest, we invited readers to submit photographs they have taken of the natural world. We received more than 1,100 amazing entries, including images of flowers, trees, animals, mountains, and landscapes. We were delighted by each entrant's creativity, curiosity, and skill.

The contest was divided into two categories: one for children ages 8 to 10 and one for ages 11 to 14. It was judged by Editor-in-Chief Andrea Barbalich, Creative Director Dean Abatemarco, Photo Editors Nataki Hewling and Lily Alt, and award-winning professional photographers Jesse Burke, Christa Renee, and Michael Rowe.

The judges' task was to choose 10 finalists in each age category, then select a grand prize winner and two runners-up in each group. "Wow! There were so many fantastic submissions that it was truly difficult to narrow them down to the finalists and winners," Dean said. "The children showed so much creativity and love for nature in their work. Well done!"



GRAND  
PRIZE WINNER  
**EMI**  
Age 10

## ▲ "Hearts About"

"This is an incredible composition. I love the tension of the dewdrop at the bottom of the leaf that is just about to fall. Noticing small things like this helps us realize there is beauty everywhere in nature, not just in the big dramatic scenes." —Photographer Christa Renee



## ▲ "Four Rocks in the Water"

"There is something very peaceful and zen-like about this photograph. The composition with the rocks in the foreground, the horizon, and the clouds really draws the viewer in."

—Creative Director Dean Abatemarco

## ► "Wild Ponies"

"What a great capture of this tender moment being shared by the ponies. Photography is about freezing a moment in time, and this does it so perfectly." —Photographer Michael Rowe

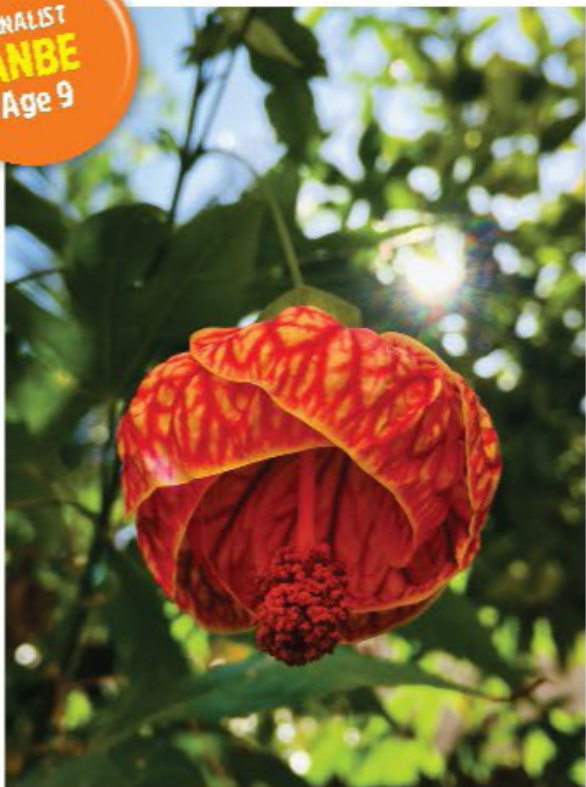


RUNNER-UP  
**WESLEY**  
Age 9

# Nature Photo Contest AGES 8-10



FINALIST  
**ANBE**  
Age 9



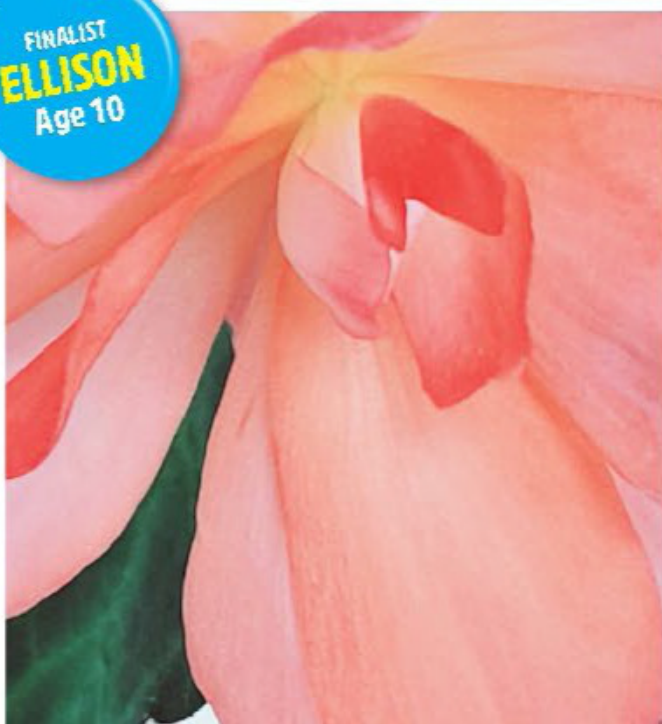
FINALIST  
**YASH**  
Age 10



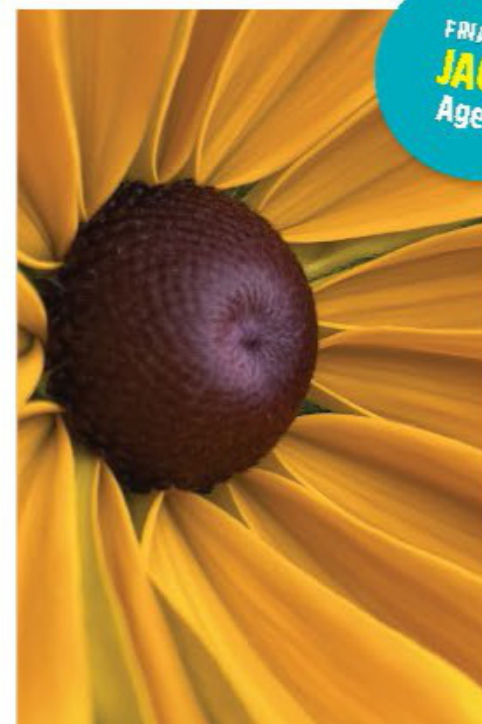
FINALIST  
**BEN**  
Age 8



FINALIST  
**ELLISON**  
Age 10



FINALIST  
**JACK**  
Age 9



FINALIST  
**ANAYA**  
Age 9



FINALIST  
**LEO**  
Age 8





# Nature Photo Contest **AGES 11-14**



## ◀ "Sky High"

"I love this angle. The contrast between the rock and the sky is dramatic, and the image makes me feel like I am there staring up at the face of this cliff. You can feel how old this space is and how much history is there."

—Photographer Christa Renee



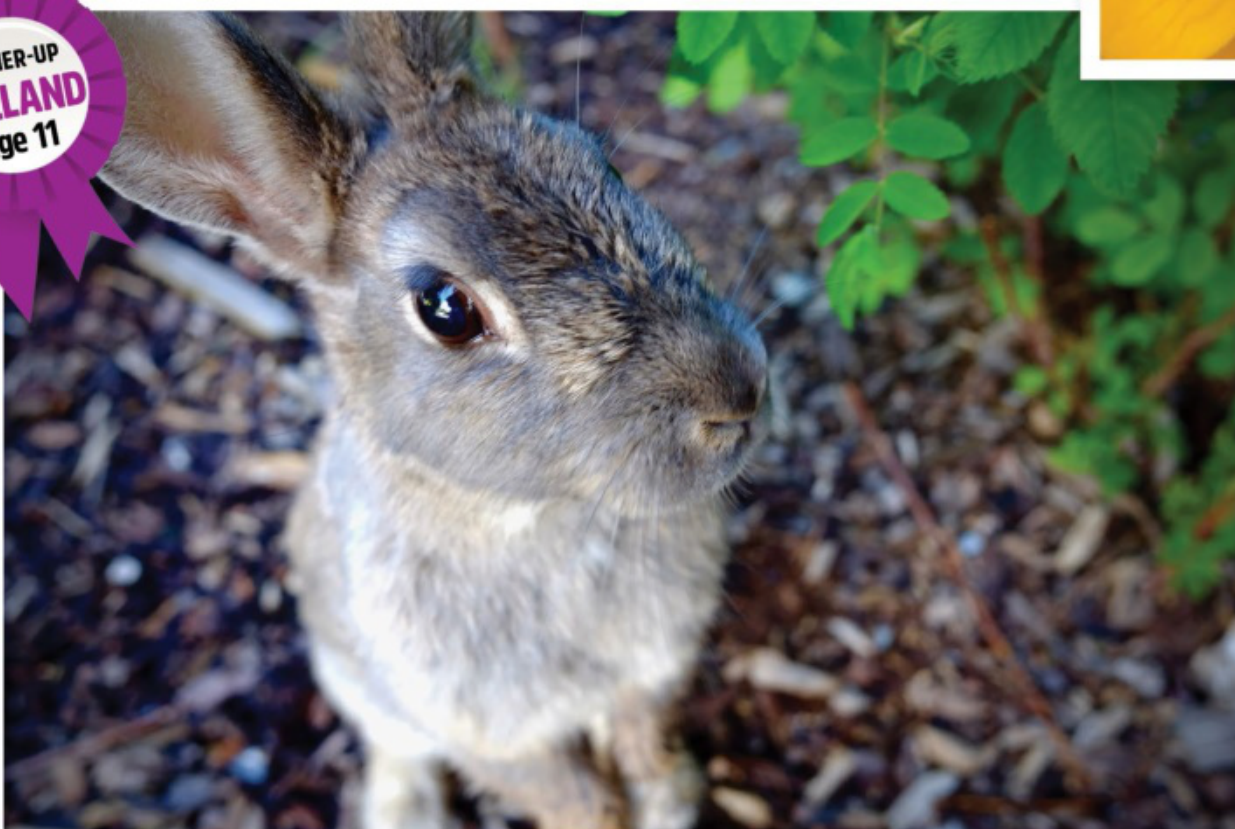
## ▲ "Not-So-Mellow Yellow"

"The use of scale in this photo really transforms the flower into something other than a flower. It forces the viewer to pay attention to every detail and shape in the petals." —Photographer Jesse Burke

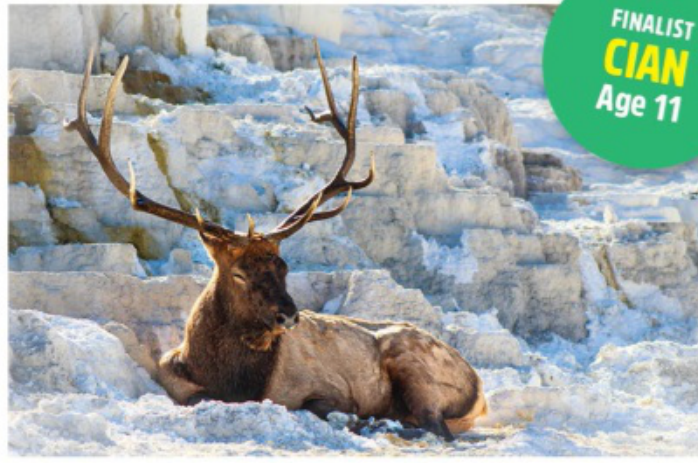
## ◀ "Looking Up at You"

"This is a fantastic image. I love the tight crop and how the bunny is engaged with the photographer."

—Photographer Michael Rowe



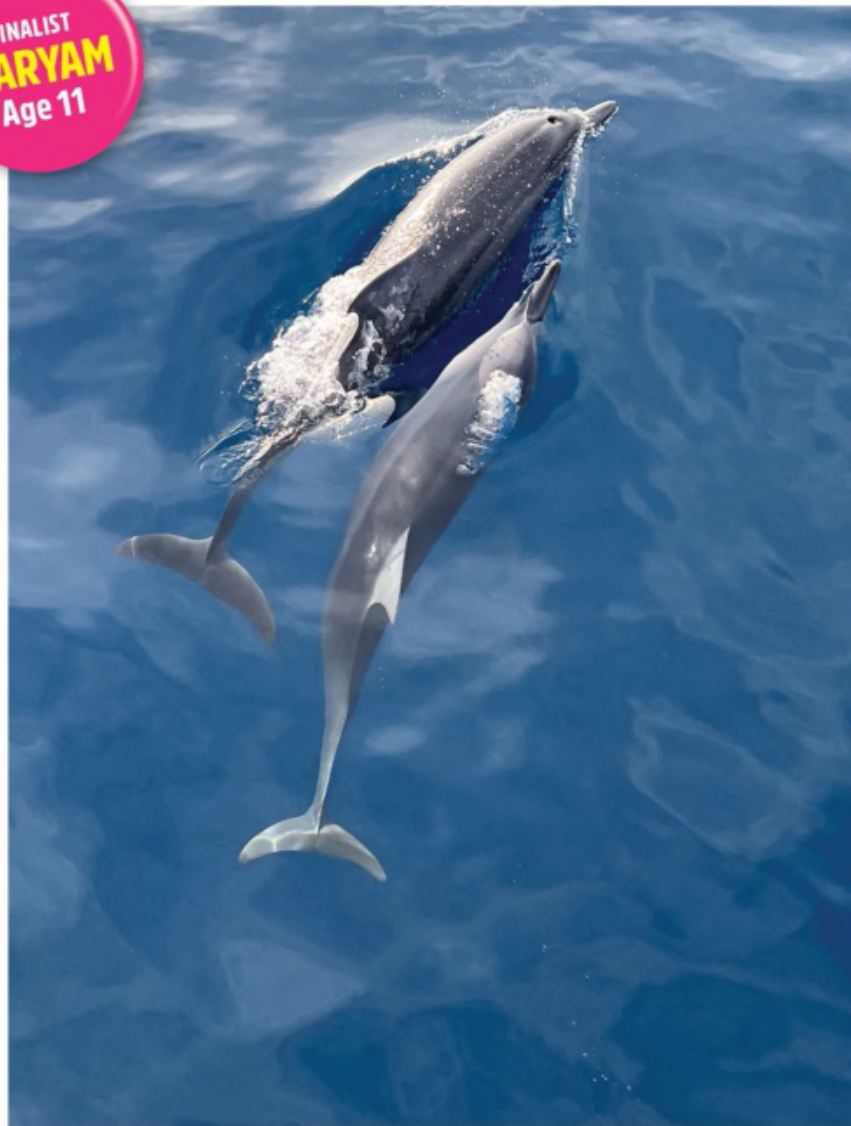
# Nature Photo Contest AGES 11-14



FINALIST  
**CIAN**  
Age 11



FINALIST  
**JUDD**  
Age 11



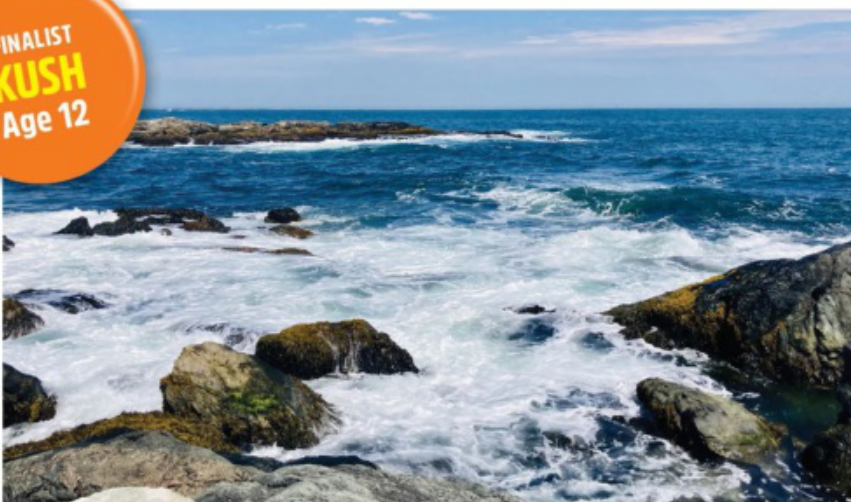
FINALIST  
**MARYAM**  
Age 11



FINALIST  
**RUBY**  
Age 12



FINALIST  
**KATELYN**  
Age 14



FINALIST  
**KUSH**  
Age 12



FINALIST  
**KARSYN**  
Age 11



# Sports

**WOW!**

At the US Open, Carlos Alcaraz played for a total of 23 hours and 40 minutes, a Grand Slam record.



Iga Świątek



Carlos Alcaraz

## The ball crew



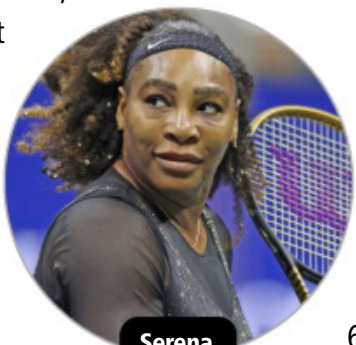
Members of the 300-person ball crew at the US Open are responsible for chasing balls during matches and tossing them to players. They try out for the job and must be at least age 14. Many play tennis, but being a fast runner and good at catching and throwing are key.

# Thrilling US Open tournament ends

This year's US Open tennis tournament, which ran from August 29 through September 11, delivered historic and unforgettable moments. The US Open is held in Flushing, New York, and is one of the four most important international tennis tournaments of the year, known as the Grand Slams. It attracted a record-setting 776,120 spectators over the course of the tournament.

In the women's final on September 10, number one player Iga Świątek, age 21, faced fifth seed Ons Jabeur, age 28. Jabeur is from Tunisia and was the first African and Arab woman to make a US Open final. Świątek, who is from Poland, took the first set, 6–2. In the next set, Jabeur fought hard

and forced a tiebreak at 6–6. She made impressive plays and had the lead at one point, but Świątek managed to win the set, giving her the third Grand Slam title of her career.



Serena Williams

In the men's final the next day, third seed Carlos Alcaraz, age 19, took on fifth seed Casper Ruud, age 23. Both men were playing for the title as well as the world's number one ranking. Alcaraz, who is from Spain, won the first set, 6–4, and Ruud, who is from Norway, won the second, 6–2. The third set went to a tiebreak that Alcaraz won. Despite Ruud's best efforts, Alcaraz claimed the fourth set, 6–3, to capture his first major championship. He is now the youngest male player to ever be number one.

To make the finals, Alcaraz beat American Frances Tiafoe, age 24, in a thrilling five-set match. Tiafoe was the first American man to make the US Open semifinals since 2006. He was also the first Black American man to reach the semis since Arthur Ashe in 1972. Tiafoe won his quarterfinal match in a stadium named for Ashe.

One of the biggest matches was played on September 2 between American Serena Williams, considered the best female player of all time, and Ajla Tomljanovic of Australia. In August, Williams revealed she was leaving the sport after the Open. She lost to Tomljanovic in a three-set match that lasted more than three hours. Afterward, Williams said of her career, "It's been the most incredible ride and journey I've ever been on in my life."

## THIS WEEK'S WINNERS...

### BASKETBALL

In the Women's National Basketball Association (WNBA) playoffs on September 8, the Connecticut Sun beat the defending champions, the Chicago Sky, 72–63, to advance to the finals. In Game 1 of the finals on September 11, the Las Vegas Aces beat the Sun, 67–64. Aces star A'ja Wilson, the WNBA's Most Valuable Player of 2022, had 24 points and 11 rebounds. The Aces' Chelsea Gray had 21 points and three assists.



Jackie Young of the Las Vegas Aces

### MAJOR LEAGUE BASEBALL

On September 12, the Los Angeles Dodgers became the first team to clinch a playoff spot with a 6–0 win over the Arizona Diamondbacks. It will be their 10th straight playoff appearance.

### COLLEGE FOOTBALL

In a major upset on September 10, Appalachian State defeated Texas A&M, 17–14, in A&M's home stadium. In another shocking win by a visiting team that day, Marshall University beat Notre Dame, 26–21.



A.J. Terrell of the Atlanta Falcons, left, and Michael Thomas of the New Orleans Saints

**DID YOU KNOW?**  
The National Football League was founded on September 17, 1920.

## NFL regular season games begin

The National Football League (NFL) has kicked off its 2022 regular season. The first game was played on September 8, with the rest of the games following on September 11 and 12.

In the opening day game, the defending champions, the Los Angeles Rams, hosted the Buffalo Bills. The two teams are expected to be among the league's best this season. The Bills won, 31–10. The game had been tied, 10–10, at halftime, but Bills quarterback Josh Allen delivered three touchdowns in the second half.

In one of the best games on September 11, the New Orleans Saints beat the Atlanta Falcons, 27–26. At one point in the second half, the Falcons were up 26–10, but Saints receiver Michael Thomas, who hadn't played since 2020,

scored two touchdowns in the fourth quarter to help lead a comeback. With 19 seconds left, the Saints were down by two points until kicker Wil Lutz nailed a 51-yard field goal for the win. In another close contest that day, the Cleveland Browns beat the Carolina Panthers, 26–24, thanks to a 58-yard field goal by Browns kicker Cade York as the game clock expired.

One of the most anticipated games took place on September 12, when the Seattle Seahawks hosted the Denver Broncos. Seattle traded its star quarterback, Russell Wilson, to Denver in March, and the game was his debut as a Bronco. The Seahawks won, 17–16. In the last 40 seconds, the Broncos decided to run down the clock and try for a 64-yard field goal, which they missed.

## SPOTLIGHT ON...



### Alaina Werremeyer

AGE: 20 SPORT: SOCCER  
TEAM: KANSAS STATE UNIVERSITY

**Game on** I started playing YMCA soccer with preschool friends. Early on, I began watching soccer on TV, going to college and pro games, and envisioning myself at that level. From the time I was 13, I spent nearly every weekend playing in games and tournaments.

**Role models** I am a goalkeeper and loved watching Manuel Neuer play for Bayern Munich—and still do! I also looked up to US goalkeeper Nicole Barnhart. I really admire skier Mikaela Shiffrin for her unapologetic competitiveness as well.

**Keeping fit** Goalkeepers are required to be very well-rounded players at this level, so we do drills for passing and handling with our feet as often as we do ones with our hands. Mobility drills and championing healthy movement have helped me not tear up my body in my tough position.

**Pre-game ritual** I kiss my gloves and each goalpost before every half I start. Then I pause on the penalty kick spot to pray!

**Embracing pressure** I set a record at K-State for most saves made in a game. The opportunity to make saves is my favorite part of my position, so the potential to face a shot is more exciting than anything else. I love penalty kicks! I enjoy trying to get into the mind of the shooter. I also know that the odds are stacked against me, so it allows me to take a “nothing to lose” mentality.

**Her advice** Love your sport, don't take it for granted, but remember that your sport is something you do, not who you are.



## COACH OF THE WEEK

Coach's Name: **Adam Clement**

Team: **Baltimore Stars (ice hockey)**

**“Coach Adam has been our ice hockey coach for three years. He is such an amazing coach because he truly cares about us and the team as a whole. He leads us with love and teaches us with passion. He goes above and beyond for each player and makes sure we are not only improving our game but having fun! He treats each of us like we are his own kids. He is such a special guy, and we respect and love him very much.”** Tanner, 8, Maryland



To nominate a Coach of the Week, send your coach's name, photo, sport, and team to [hello@theweekjunior.com](mailto:hello@theweekjunior.com). Include your name, age, state, and a few reasons why your coach is great.



# Arts and entertainment

**DID YOU KNOW?**

Nevada became the 36th US state on October 31, 1864.



A portion of *City*  
by Michael Heizer

## New mega sculpture in Nevada

*City*, a work by artist Michael Heizer that took more than 50 years to create, is now open to the public.

After more than 50 years of construction, *City*, a vast complex of dirt mounds and concrete pyramids in the Nevada desert, opened on September 2. The mega sculpture by pioneering artist Michael Heizer cost \$40 million to build and is being described as possibly the largest work of contemporary art on Earth.

Heizer, age 77, grew up in California. As a child, he would build small-scale cities in his schoolyard using found objects such as rocks and cans. His

father was an archaeologist (scientist who studies objects left by people long ago), and Heizer joined him on expeditions to Mexico and Peru. Those trips became major inspirations in his life.



Michael Heizer

Heizer is a land artist—someone who makes large-scale sculptures that are either built into land or created with natural materials. *City*, located about three hours north of Las Vegas, is 1.5 miles long and a half mile wide and mostly made of rock, clay, and sand. It features geoglyphs (large designs produced on the ground); three jagged

pyramid-like forms called 45°, 90°, 180°; and *Complex One*, a large monument composed of a mound of piled dirt lined with concrete. The Triple Aught Foundation, the organization behind *City*'s funding and preservation, said it is "intentionally reminiscent of many ancient ceremonial constructions through its complexity and size."

To visit *City*, people must apply for tickets, and only six visitors are permitted each day. Heizer told *The New York Times* that *City* is "a masterpiece, or close to it." But as far as what he hopes visitors will take away from the work, he said, "I am not here to tell people what it all means."

### More land art in the US

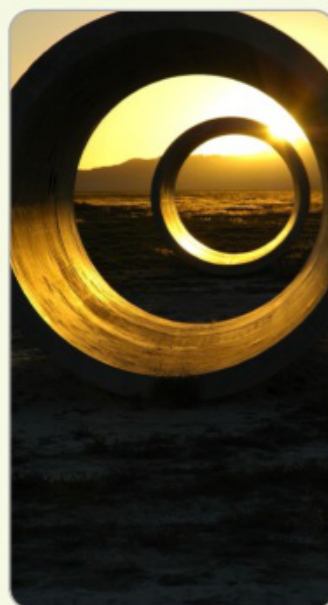
#### Double Negative

Among Michael Heizer's famous works is this "negative sculpture" in Nevada's Moapa Valley. It is made of twin trenches carved into the landscape.



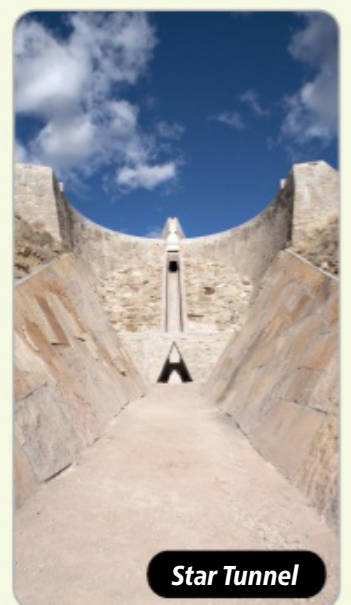
#### Sun Tunnels

This large work by artist Nancy Holt is located in Utah's Great Basin Desert. It features four cylinders that align with the sunrise and sunset. During planning, Holt used cardboard tube models to help her study shadows and patterns.



#### Star Axis

Artist Charles Ross is creating this earth sculpture in New Mexico. It will include the 11-story *Star Tunnel*, a stairway that runs parallel to the Earth's axis. The work is due to open in 2025.



Star Tunnel



**WOW!**

The 5SOS song "Youngblood" has been streamed more than 1 billion times on Spotify.



## THIS WEEK'S WATCH LIST



### Lion: The Rise and Fall of the Marsh Pride (PBS.org)

A pride (group) of lions from Kenya's Maasai Mara Reserve became famous 30 years ago in a series of documentaries. This special combines old and new footage to show the pride's battle for survival as their land is affected by humans.



### Gymnastics Academy: A Second Chance (Netflix)

This new series, a spin-off of the *A Second Chance* films, follows American teen Kyra as she tries out for an elite gymnastics academy in Australia. She'll face steep competition, new friendships, and physical challenges.



### The Croods: Family Tree (Hulu) (Peacock)

New episodes of the animated series inspired by *The Croods* films are out now. The Croods and fellow prehistoric family the Bettermans are still adjusting to modern life as they try to make peace with their monkey neighbors and prepare for a meteor hurtling toward their farm.

## Popular band releases fifth album

New music is coming from the Australian pop-rock band 5 Seconds of Summer (5SOS). Their fifth studio album, titled *5SOS5*, will be released on September 23. Three singles from the 19-track set ("My, Myself & I," "Take My Hand," and "Complete Mess") are already out.

The members of 5SOS are lead singer Luke Hemmings, guitarist/vocalist Michael Clifford, bassist/vocalist Calum Hood, and drummer Ashton Irwin. They formed the group as teens more than 10 years ago. Clifford said that he, Hemmings, and Hood "were the only people in our school who loved music as much as we did." Irwin lived nearby and was the only drummer around. "The only

smart thing that we did was maintain a mentality that it really didn't matter what people thought about what we were doing," he said.

The band got noticed by posting videos of themselves singing on YouTube. In 2014, they opened for One Direction, Harry Styles' former group. 5SOS's first three albums hit number one.

The foursome spent time recording *5SOS5* in Joshua Tree National Park in California. It is a popular location for artists and musicians seeking creative inspiration. They lived in one house and said it was helpful not to be distracted by the outside world or other people. "The intense focus is what creates the awesome work," Irwin said.



## MOVIE NIGHT

If you're looking for a film to watch with family or friends, consider this pick of the week.

### Petite Maman (2022)

PG

Available to rent or buy on all major platforms

This French language film (*Petite Maman* means "Little Mother") follows an 8-year-old girl named Nelly. After her grandmother on her mother's side dies, Nelly and her parents head to the grandma's house to clean it out. While Nelly is there, she explores the surrounding woods where her mother, Marion, used to play as a little girl. One day, Nelly encounters a girl around her age who is building a treehouse similar to the one her mother had told her about. The two girls form a friendship as they work on the structure together. The same day Nelly meets her new friend, Marion abruptly leaves the house for a few days because she needs to grieve. Is the timing just a coincidence, or is it something more magical?





## DID YOU KNOW?

The first US public school was established in Boston, Massachusetts, in 1635.



Are You Smarter Than a 5th Grader?

# Compete in a trivia quiz show

**A**re You Smarter Than a 5th Grader? is a new trivia quiz show video game. It is now available on the Nintendo Switch, PlayStation platforms, Xbox consoles, and PC.

The game is based on a TV show that first aired in 2007. It featured a host quizzing adults on information that is taught to kids in grade school. Only a few contestants ever won the grand prize of \$1 million. The show aired for several seasons, then returned to TV in 2019 in a version on Nickelodeon hosted by John Cena.

Contestants in the original game were asked 11 different questions, two each from first through fifth grade and one from sixth. Every player was allowed to use three "cheats," which could include asking "classmates" for help. On

TV, those "classmates" were actual students. In the video game, the classmates are computer-controlled characters.

The game has two main modes: Exam and Study. Exam mode is the single-player challenge. The goal is to correctly answer 11 questions, which get harder as you go along. If you need help, you can copy a classmate's answer, ask the class for their opinion, or request a new question. Every classmate is an expert on a different topic. As you gain points, you'll get access to more students and unlock new subjects and questions. There are 6,800 questions in all.

Up to eight players can test their knowledge in the Study mode, so you'll be able to compete against friends and family. Your real-life school experience could help you prep for the game.



## WEBSITE OF THE WEEK

### BROWN BEARS LIVE CAMS

[tinyurl.com/TWJUS-BearCam](https://tinyurl.com/TWJUS-BearCam)

The live cams at the Brooks River in Katmai National Park are back on. With Fat Bear Week coming soon (October 5–11), now is the perfect time to check out brown bears in Alaska as they fish for salmon and fuel up before hibernating for the winter.



## PLAYLIST OF THE WEEK



### FIND YOUR FORCE

[tinyurl.com/TWJUS-FindYourForce](https://tinyurl.com/TWJUS-FindYourForce)

The meditation and mindfulness app Headspace created this YouTube series aimed at helping children who are stressed or struggle to fall asleep. It follows *Star Wars* characters Chewbacca and BB-8 on a journey to Chewbacca's home planet and includes relaxation exercises.



## PODCAST OF THE WEEK

### THE ACTIVATORS!

Major podcast platforms

This show is about kids making a difference. It is hosted by Leo Abelo Perry, age 9, an actor (*Cheaper by the Dozen*) who also works to raise awareness of racial justice. You'll hear from kids who have taken on projects like buddy benches and hospital fundraisers and find out how to get involved.





## BOOK OF THE WEEK

### Adventuregame Comics: Leviathan

By Jason Shiga

(Amulet Books)

Leviathan, a sea monster, is causing trouble in the waters near a medieval village. The main character, who isn't named, wants to protect the villagers from the monster. Because this graphic novel is written in the choose-your-own-adventure format, you get to determine whether the main character is successful or not. Beginning on the first page, you make choices that lead to different places and endings. One path, for example, takes you to a wizard who has a Starlight Wand that could control the monster. Other choices may take you to a dead end. Along the way, you may meet villagers who reveal useful information. You may want to re-read this book to compare endings. It's the first of a new series.



## ASK THE AUTHOR

### Jason Shiga

We spoke to the author of our Book of the Week.

#### Why did you make your book interactive?

I think what's appealing about "choose your own path" books is that they are a fun way to fantasize about all the freedom you could have.

#### What draws you to medieval times?

I like that I can introduce fantastical elements, such as sea monsters, without the reader questioning whether they're real or not. I was also

influenced by the video game The Legend of Zelda.

#### Were you scared of anything growing up?

Yes, I was scared of clowns.

#### How did you get your start in comic writing?

I started reading comics when I was studying mathematics in college. After that, I began making comics.

#### Do you have a starting word for Wordle?

I have two starting words: "arise" and "youth."



## 4 books for Hispanic Heritage Month

These picks are full of engaging stories and interesting facts.



### Isla to Island

By Alexis Castellanos

(Atheneum Books for Young Readers)

In this graphic novel, set in the early 1960s, Marisol's parents don't think it's safe for her to live in Cuba, so they send her to the US. The author's note explains that the book is based on a real event when more than 14,000 Cuban children immigrated to the US. Ages 10–14



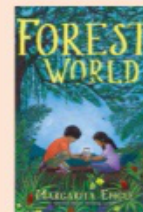
### The Story of Lin-Manuel Miranda

By Frank Berrios,

illustrated by Marta Dorado

(Rockridge Press)

Lin-Manuel Miranda's Puerto Rican heritage and performances he saw as a child have had a big influence on the work he creates, including the Broadway musical *Hamilton*. This biography reveals the shows and movies that inspired his love of theater. Ages 9 and under



### Forest World

By Margarita Engle

(Atheneum Books for Young Readers)

One summer, Edver's mom sends him to visit his father, who is in Cuba guarding a remote area of the rainforest. When a poacher threatens an endangered species, Edver and his sister work together to protect the forest. The story is told in verse (poetry), with perspectives alternating between Edver and his sister. Ages 10–14



### Tumble

By Celia C. Pérez

(Kokila)

Adela lives with her mom and stepfather in New Mexico. Her stepfather asks to adopt Adela. Before she agrees, she tells her mom that she'd like to know more about her birth father. She learns that he's a famous *luchador* (wrestler). Will he welcome meeting her? The author of this book also wrote *The First Rule of Punk*. Ages 9–12

## WIN A BOOK!

We're giving away five copies of *Adventuregame Comics: Leviathan*.

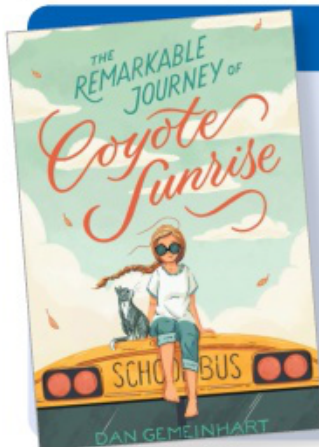
For a chance to win, send your name and address to [contests@theweekjunior.com](mailto:contests@theweekjunior.com) with *Leviathan* in the subject line. Enter by midnight on October 7. See [theweekjunior.com/terms](http://theweekjunior.com/terms) for complete rules.

## READER RECOMMENDS

### The Remarkable Journey of Coyote Sunrise By Dan Gemeinhart

"Coyote and her father Rodeo have been living in their school bus for five years, ever since Coyote's mom and sisters died in a car crash. Coyote's grandma calls to tell them a park in their town is being ripped up. It's the park where Coyote's family buried a memory box. Coyote knows her father will not want to go back, but she wants to get him there. This book is funny and sweet." Lucia, 10, California

Do you have a book to recommend? Send your review to [hello@theweekjunior.com](mailto:hello@theweekjunior.com).





## How to...

# Celebrate our American democracy

Learn about its important principles and tell us what democracy means to you.

A founding principle of the United States is that it's a democracy—meaning that citizens hold the power to elect the people who govern them. As President Abraham Lincoln said in his Gettysburg Address in 1863, democracy is the rule “of the people, by the people, for the people.”

Elections are an important way for citizens to exercise their rights. On November 8, voters will participate in what are known as the midterm elections. Every seat in

the House of Representatives (one half of Congress) will be up for election, along with some Senate seats. Voters in some areas may also be electing state and local leaders.

What do you think about democracy? You can use the form at right to write down or draw your ideas. To share it with us, ask an adult to email it to [hello@theweekjunior.com](mailto:hello@theweekjunior.com). Extra forms can be found at [theweekjunior.com/activities](https://theweekjunior.com/activities). We will publish some submissions in future issues.

**“The experience of democracy is like the experience of life itself—always changing, infinite in its variety, sometimes turbulent, and all the more valuable for having been tested by adversity.”**

—Jimmy Carter, former US President

**“Democracy is the most realistic way for diverse peoples to resolve their differences, and share power, and heal social divisions.”**

—Condoleezza Rice, political scientist and former US secretary of state

**“Democracy is not a spectator sport. It is a difficult, hard, full-contact, participatory endeavor.”**

—Cory Booker, US senator representing New Jersey

**“What saves our democracy always is involved citizens.”**

—Sonia Sotomayor, US Supreme Court justice

**“A healthy democracy requires a decent society; it requires that we are honorable, generous, tolerant, and respectful.”**

—Charles W. Pickering Sr., former US district judge in Mississippi



# How to...

First name

Age

State

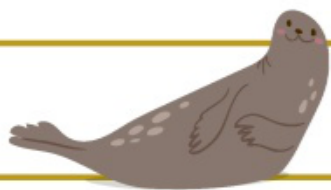
What do you like most about democracy and why?

If you could describe democracy in three words, which words would you choose?

What is your hope for democracy in the US?

Draw a picture of what democracy looks like to you.

By submitting this form, you give *The Week Junior* consent to print it in the magazine and online. Please get your parent/guardian's permission before sending anything to us.



# Keyword crossword

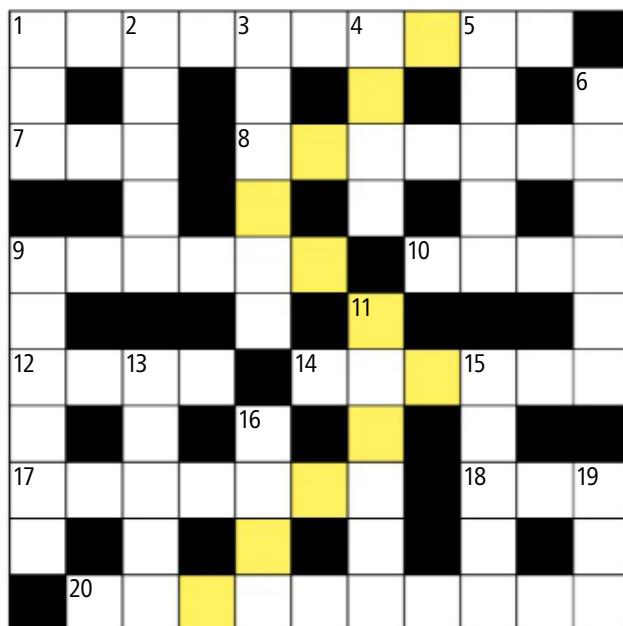
Once you have completed the crossword, transfer the letters in the yellow boxes, in order, into the boxes below to get the answer to the Keyword question.

ACROSS

- 1 Young royal women like Jasmine, Elsa, and Belle
- 7 Each one usually contains six or seven peas
- 8 Warning word to help avoid danger
- 9 It can hold a multi-page document together
- 10 The \_\_\_\_\_ of Capri (Italian resort completely surrounded by water)
- 12 A young sheep
- 14 These are indicated along the sides of swimming pools
- 17 One may shine through a skylight on a cloudless day
- 18 The "smoke" that rises from a volcano is actually this
- 20 Mount Rushmore shows four of them

DOWN

- 1 Young dog or seal
- 2 Country whose capital is New Delhi
- 3 A witch's harsh laugh
- 4 Close tight, like a door or a mouth
- 5 Green highway signs announce them
- 6 They're shown with wings, halos, and harps
- 9 Result of a car driving through a big puddle
- 11 Appeared to be
- 13 Person whose job involves extracting ore from the ground
- 15 Transportation that runs on tracks
- 16 Belonging to the girl
- 19 Belonging to the boy



Keyword question: What famous person has only six known signatures, each of them with a different spelling?

\_\_\_\_\_

## THREE FOR ALL

Sort this list into three familiar three-part phrases, like THREE-RING CIRCUS or SALT LAKE CITY.

BED OF LIFE FOR THAN  
FORTUNE LARGER TIME WHEEL

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

## Cutting room

Divide this grid into five sections so each section consists of five adjacent boxes containing the numbers 1–5. The sections may have different shapes. (NEED A HINT? Check the bottom of the page.)

4	3	1	5	5
3	1	2	4	2
3	4	5	1	5
2	1	2	3	4
5	4	3	2	1

## CODE CRACKER

In this coded list of punctuation marks, every letter has been replaced with a substitute. The same substitutions are used throughout the list. Hint: Every X here is an uncoded P. Use the letter patterns you find to crack the code.

P \_ \_ \_ \_ \_  
X Y L Q J W

\_ P \_ \_ \_ \_ P \_ \_  
N X J C F L J X M Y

\_ \_ \_ \_ \_ \_ \_  
N C F Y L Q C S

P \_ \_ \_ \_ \_ \_ \_ \_ \_  
X N L Y Z F M Y C Y C

ANSWERS  
CAN BE  
FOUND ON  
PAGE 29.

## Spot the difference

These two pictures of flamingos appear to be the same, but take a closer look. There are actually five differences. Can you see them?





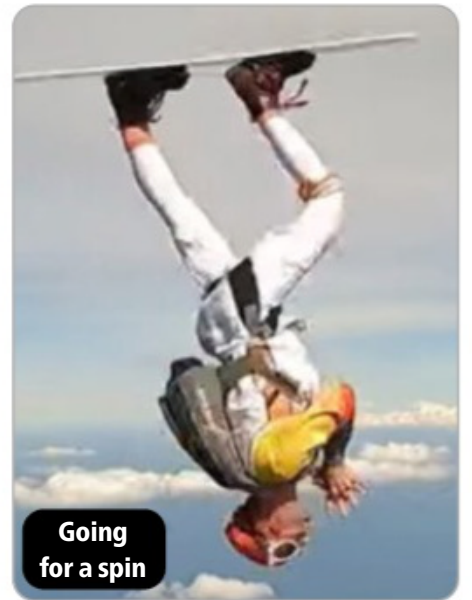
Dinos on the run

## Little arms, big strides in T. rex race

It was a dino dash on August 21, as the Emerald Downs racetrack in Washington hosted a T. rex race. More than 150 competitors ran  $\frac{1}{16}$  of a mile while wearing Tyrannosaurus rex costumes, with the fastest adult and child named as winners. After the event was first held in 2019, a video went viral and it became a huge success. Three times as many people signed up this year for what track officials called "the biggest dinosaur race in the past 233 million years."

## A new sky-high record

Keith "Kebe" Edward Snyder has broken his own Guinness World Record for most "helicopter spins" in skysurfing. In this sport, similar to skydiving, athletes strap a special board to their feet and perform surfing-like moves. Last year, Snyder won the title by spinning 160 times above the pyramids of Giza in Egypt. But the daredevil was not satisfied. He tried again, this time over his home state of Virginia, and completed 175 spins in a single jump.



Going for a spin



Emmitt Bailey

## Winning by a hair

America's best mullets were crowned at the USA Mullet Championships. A mullet is a hairstyle featuring a shorter front and sides and longer locks in the back. In the kids' division, 8-year-old Emmitt Bailey of Wisconsin defeated 688 opponents to win the coveted title. His reaction? "It was awesome," he said. "It's cool that so many people tell you that you got sweet hair."

Real OR fake?



Does this frozen treat really taste like meat?

## A hot dog that isn't hot

Oscar Meyer, the meat company that created the "bologna" face mask, has introduced a hot-dog-flavored popsicle. The frozen innovation looks and tastes like a hot dog, complete with a drizzle of "mustard." It was invented as part of the company's "Stupid or Genius?" social media campaign. Fans voted the savory popsicle a "genius" idea, so the company made it a reality. What do you think? Are we being frank with you, or is a weiner pop totally bun-believable?\*



Work in progress at the Ink Café

## The café that looks like a cartoon

Eating at the Ink Café in Qatar, in the Middle East, is like dining inside a drawing. Everything in the shop—including the chairs, cups, cabinets, and cutlery—has been crafted to look like black-and-white drawings from an artist's sketchbook. The charming café has become a sensation on social media because customers love taking photos of their cartoon-like coffees and cakes and sharing them online. "I decided to visit because it was so different from any café I'd ever seen before," one customer said.

\*Real! Known as a "cold dog," the pop was available for a limited time at frozen dessert shops in California, Georgia, and Louisiana. A 27-foot Weinermobile also distributed the pops at New York and New Jersey beaches.



# Your turn

## Editor's note

I greatly admired and respected Queen Elizabeth II of the UK, who died last week at age 96 (p2-3). Although she became queen at the young age of 25, it seemed to me that she was wise from the start. She will be remembered for being one of the longest-reigning monarchs in world history and for her steadfast devotion to her responsibilities and her family—along with her fondness for corgis, horses, and colorful hats. I hope our coverage will help you understand more about her long and influential life. This week we also want to congratulate our Nature Photo Contest grand prize winners, runners-up, and finalists (p14). We received more than 1,100 entries, and the judging was not easy! Thank you to all the young photographers who entered. We applaud your creativity and your passion for nature.

Andrea Barbalich  
Editor-in-Chief



## Update on a book podcast

“In February 2021, I was in *The Week Junior*, where I shared about my book review podcast, Hook of a Book. At the time, I was 11 years old, and there were only about four episodes available. Since then, Hook of a Book has released more than 80 episodes and donated more than \$250 to the Malala Fund. It has been shared by middle grade book authors, including Tony Award-winning actress Ali Stroker, and has listeners in many countries. I am so passionate about helping kids find new books to read. Even if you don't really like reading, the right book can change your mind. My dream is that every child discovers the joy of reading!”



Ellie, 13, Texas

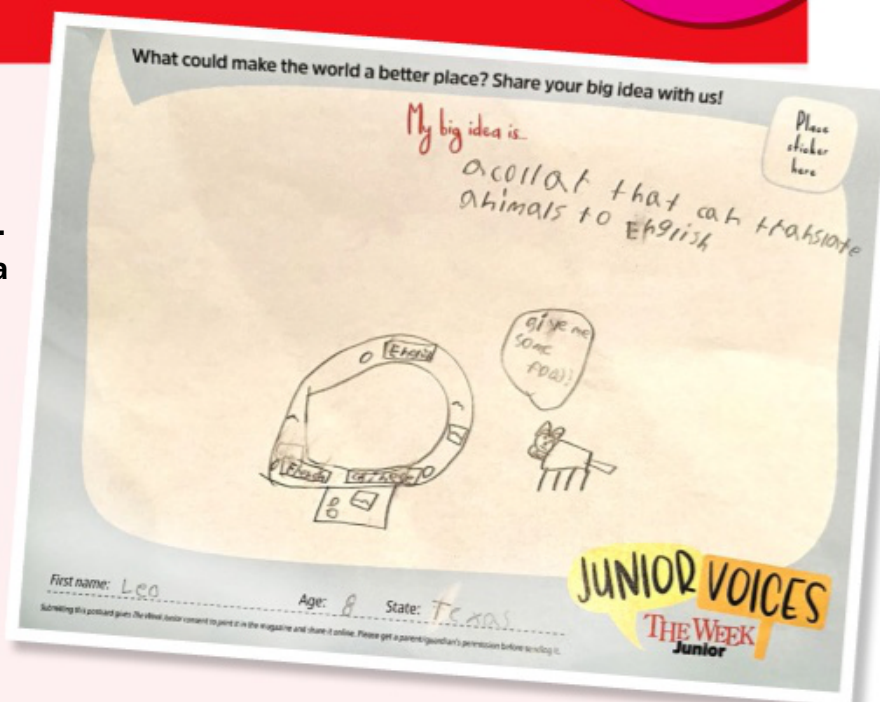
Have you done something interesting or raised money for a cause you care about? Whatever you're up to, we want to hear about it at [hello@theweekjunior.com](mailto:hello@theweekjunior.com).

**RIDDLE OF THE WEEK**  
What can't be seen until you turn off the lights?  
Darkness

## JUNIOR VOICES

### Share your idea!

We know you have amazing ideas, and we want to hear them. To take part in Junior Voices, ask a parent or guardian to download a postcard at [theweekjunior.com/juniorvoices](http://theweekjunior.com/juniorvoices). Write or draw your idea for making the world a better place and send it to us at [hello@theweekjunior.com](mailto:hello@theweekjunior.com). Every idea counts! We'll feature more kids' ideas on this page in future issues.



## CHARITY OF THE WEEK



### Bill & Melinda Gates Foundation

This organization works to improve the health of people around the world. Since 2000, it has spent \$53.8 billion funding medical research, education, and more. It aims to rid the world of polio, an infectious disease that can cause paralysis. In partnership with other groups, it has helped vaccinate more than 2.5 million children against polio. Find out more at [gatesfoundation.org](http://gatesfoundation.org).

BILL & MELINDA  
GATES foundation

THE WEEK  
Junior

IT'S YOUR TURN

Email your news, views, and photos to [hello@theweekjunior.com](mailto:hello@theweekjunior.com).



## YOUR PHOTOS

We'd love to see pictures you've taken or pictures with you in them! Send them to us at [hello@theweekjunior.com](mailto:hello@theweekjunior.com), along with anything you'd like to tell us about what's in the photo.

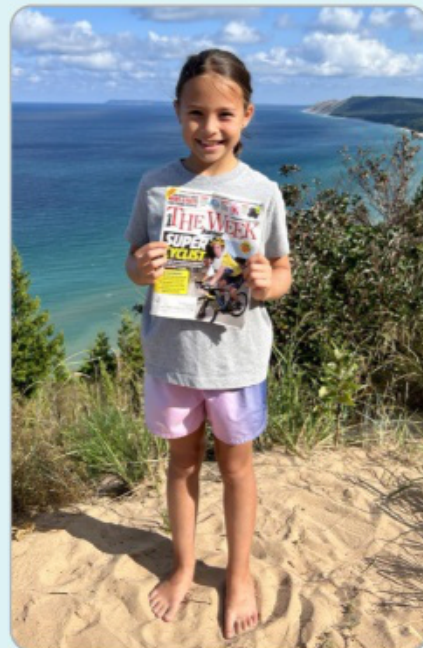


"I tried decorating a notebook from the How To section. I loved it!"

Ava, 9, Connecticut

"We enjoy reading *The Week Junior*, even in other countries!"

Hayden, 8, Harrison, 10, and Henry, 10, Oregon



"It was cool to see the Sleeping Bear Dunes National Lakeshore in *The Week Junior* because my family comes here every summer!" Evelyn, 9, New York

## POPJAM

Sign up and follow @theweekjunior on PopJam, a social media platform for kids 7–12. Ask an adult to download the app from iTunes or Google Play.

We asked: What is your favorite sandwich?

"I live for salami sandwiches."

"Mozzarella, tomato, and olive oil on a baguette."

"Ham, egg, and cheese. The perfect combination."

"A BLT is so good!"

In the big debate, we asked: Should school dress codes be eliminated?

"Dress codes are OK, just not crazy ones."

"No, because dress codes are more comfortable than uniforms."

"Some things about dress codes should be eliminated, but other things should stay."

"People should be able to express themselves through their clothes."

Now tell us: What is your favorite dog breed and why?

## Teacher OF THE WEEK



Teacher's Name: **Mr. Ashjian**

School: **Middle School at Pine Crest**

"Mr. Ashjian is funny, creative, and kind. He makes learning way more fun than just doing problems. I learned so much about math, all thanks to him. Also, instead of just doing random math problems, he teaches us about math in the real world and how it can improve our day-to-day lives. He is by far my favorite teacher and the best one I've ever had!"

Aviv, 12, Florida

**Nominate your teacher for Teacher of the Week! Send your reason for the nomination, a photo of your teacher, and your school's name and address to [hello@theweekjunior.com](mailto:hello@theweekjunior.com).**



## Puzzle answers (from page 26)

4	3	1	5	5
3	1	2	4	2
3	4	5	1	5
2	1	2	3	4
5	4	3	2	1

**Keyword answer:**  
Shakespeare

**Code cracker**  
period  
apostrophe  
asterisk  
parentheses

**Three for all**  
larger than life  
time for bed  
wheel of fortune

P	R	I	N	C	E	S	S	E	S
U	N	A	H	X	A				
P	O	D	C	A	U	T	I	O	N
I	K	T	T	G					
S	T	A	P	L	E	S	I	S	L
P	L	A	M	B	D	E	P	T	H
A	I	H	E	R					
S	U	N	B	E	A	M	A	S	H
H	E	R	E	I					
P	R	E	S	I	D	E	N	T	S



## Quiz answers (from page 30)

1 11 2 b) City 3 True 4 a) 13 5 False. They prefer non-cat lovers. 6 a) 1968  
7 Fin whales 8 True 9 True 10 a) Underwater robot 11 Australia 12 370  
13 False. They have been females. 14 c) A TV show 15 b) Tyrannosaurus rex

We want to hear from you! To have your letters, photos, nominations, recommendations, or ideas considered for inclusion in the magazine, please include your full name, age, and state with your submission. By emailing your submission to us, you give *The Week Junior* consent to publish it in the magazine and online. Please get your parent/guardian's permission before sending anything to us.



# Quiz of the week

## How much of this week's news can you remember?

**1** How old is Eebers, a security dog who recently retired after working at an airport for nearly 10 years?

**2** What is the title of the mega sculpture in Nevada that was created by artist Michael Heizer?

a) Land b) City c) Earth

a ☐ b ☐ c ☐

**3** True or false? In the choose-your-own-adventure graphic novel *Leviathan*, the main character is not named.

True ☐ False ☐

**4** How many US presidents did Queen Elizabeth II meet in person?

a) 13 b) 14 c) 15

a ☐ b ☐ c ☐

**5** True or false? A new study found that cats prefer the company of people who are cat lovers.

True ☐ False ☐

**6** When did the first official recognition of Hispanic heritage begin?

a) 1968 b) 1988 c) 2008

a ☐ b ☐ c ☐

**7** The largest recorded gathering of what species of whale took place off the coast of Elephant Island?

**8** True or false? Solange Knowles is the first Black American woman to compose an original score for the New York City Ballet.

True ☐ False ☐



**9** True or false? Carlos Alcaraz is the youngest man ever to become the world's number one ranked tennis player.

True ☐ False ☐

**10** What did scientists in Norway develop to identify pollution at the bottom of the sea?

a) Underwater robot b) 3D camera

c) Mechanical suit

a ☐ b ☐ c ☐

**11** What country is the pop-rock band 5 Seconds of Summer from?

**12** How many new words and phrases did Merriam-Webster recently add to its dictionary?

**13** True or false? Nearly all of the sea turtles born in Florida recently have been males.

True ☐ False ☐

**14** What is the new video game Are You Smarter Than a 5th Grader based on?

a) A board game b) A card game

c) A TV show

a ☐ b ☐ c ☐

**15** On August 21, more than 150 people ran a race while wearing what kind of costume?

a) Triceratops b) Tyrannosaurus rex

c) Velociraptor

a ☐ b ☐ c ☐

## THE WEEK Junior

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words:**

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interacting to create a  
beautiful image and is  
constantly changing  
and adapting."